SONY

3-810-806-11 (3)

Compact Hi-Fi Stereo System

Operating instructions

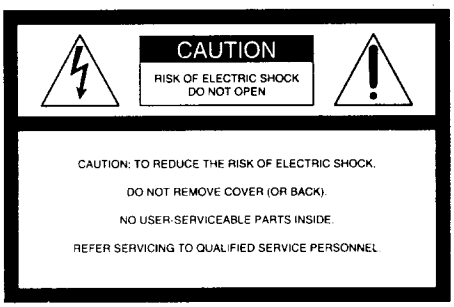
COMPACT disc DIGITAL AUDIO

LBT-D170
LBT-D270
LBT-G1100
LBT-G3100

© 1995 by Sony Corporation

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

You are cautioned that any changes or modification not expressly approved in this manual could void your authority to operate this equipment.

Note to CATV installer:

This reminder is provided to call CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

Owner's Record

The model and serial numbers are located at the rear of the unit. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. _____ Serial No. _____

For customers in Canada

CAUTION

TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

This apparatus complies with the Class B limits for radio noise emissions set out in Radio Interference Regulations.

Welcome !

Thank you for purchasing the Sony Hi-Fi Component System. This series is packed with fun features. Here are just a few:

- DBFB (Dynamic Bass Feedback) system that boosts low frequency range audio to provide deep, powerful bass sound
- A preset feature, that lets you store and recall up to 30 of your favorite radio stations
- A graphic equalizer that lets you adjust the audio quality to fit five music types
- A loop play function that lets you play a short portion of the track repeatedly like a sampler on the CD player
- A timer that lets you set the CD player or radio to turn on and off whenever you want
- A dual tape deck that lets you record from the radio, CD player or from the other tape deck and relay play from both decks
- A CD player that lets you play up to 5 CDs in a row
- A remote that lets you control the music from your seat

About This Manual

The instructions in this manual are for LBT-D170, LBT-D270, LBT-G1100 and LBT-G3100. Before you start reading, check your model number. LBT-D270/G3100 are the models used for illustration purpose. Any differences are clearly indicated in the text, for example, "LBT-D270/G3100 only".

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Chapter 1: Setting Up

Connecting the Stereo

Inserting the Batteries

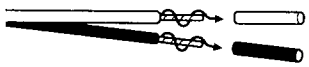
Setting the Clock

Connecting the Stereo

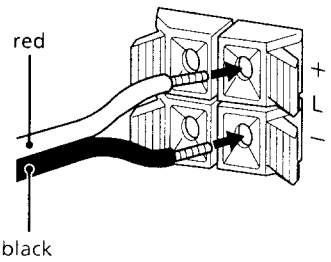
Use the illustrations below to connect your stereo.
If you want to connect any optional components to the stereo, see "Connecting Optional Equipment" in Chapter 6.

STEP 1 Connecting the Speakers

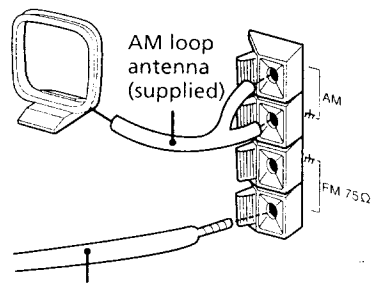
1 Twist the speaker cable coating and pull it from the end of the cable.



2 Connect the right speaker to R connectors and the left speaker to L connectors with the red cord to + and the black cord to –.

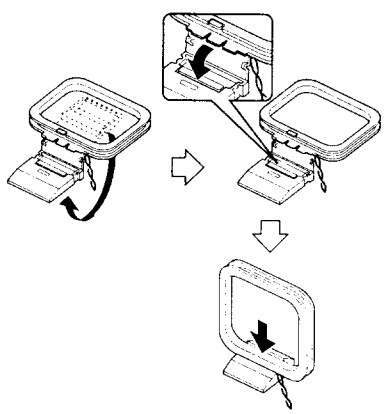


STEP 2 Connecting the Antenna



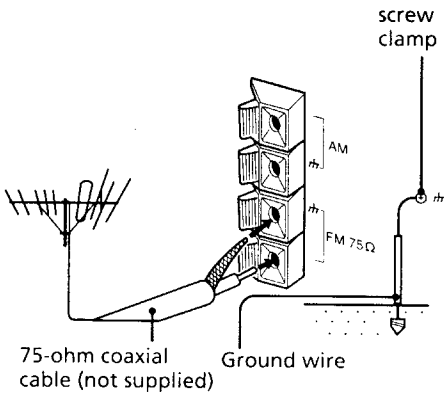
*Note: Extend it horizontally

To set up the AM loop antenna



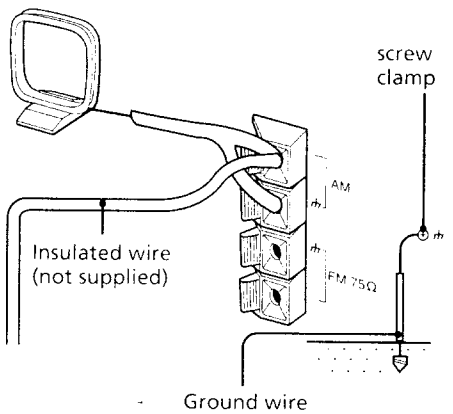
To improve the FM reception
Connect an outdoor FM antenna to the FM 75Ω terminal, using a 75-ohm coaxial cable.

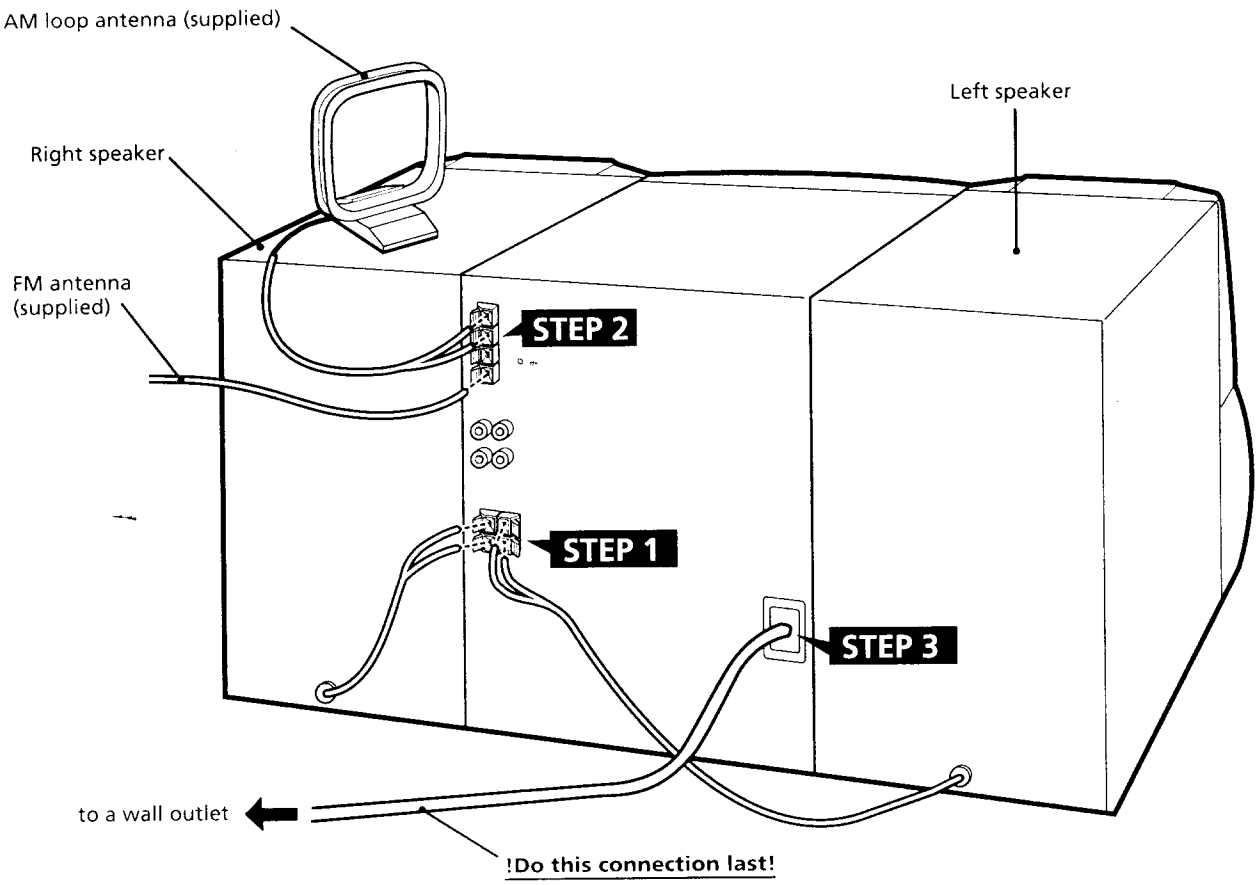
Important
Ground the external antenna from ⏚ terminal against lightning with the screw clamp. To prevent a gas explosion, do not connect the ground wire to a gas pipe.



To improve the AM reception
After you connect the AM antenna, connect a 6- to 15- meter (20- to 50- feet) insulated wire to the AM terminal. Connect the ⏚ terminal to ground.

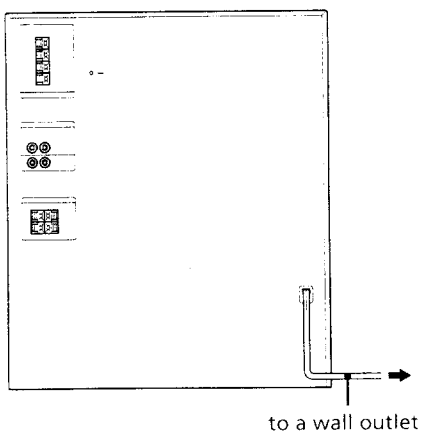
Important
Ground the external antenna from ⏚ terminal against lightning with the screw clamp. To prevent a gas explosion, do not connect the ground wire to a gas pipe.





STEP 3 Connecting the Power

Connect the AC power cord to a wall outlet after you have made all the above connections.



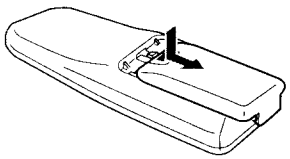
Demo mode
The demo mode appears in the display when you connect the AC power cord to a wall outlet. To deactivate the demo mode, press DISPLAY/DEMO when the system power is off.

Note
- When you turn on the system power for the first time, the disc tray starts rotating and the disc calendar ( ) in the display disappear one by one. You can operate the CD player after the disc tray stops rotating and "no DISC" appears in the display.

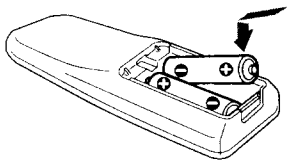
Inserting the Batteries

Install two size AA (R6) batteries in the supplied for remote control.

1 Open the lid.



2 Insert two R6 (size AA) batteries. Match the + and – to the diagram in the battery compartment.



3 Close the lid.

Battery life

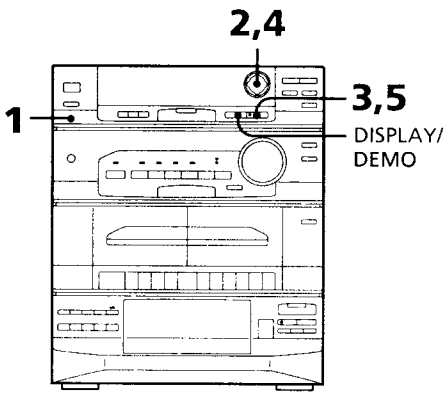
You can expect the remote control to operate for about six months (using Sony SUM-3 (NS) batteries) before the batteries run down. When the batteries no longer operate the remote, replace all the batteries with new ones.

To avoid battery leakage

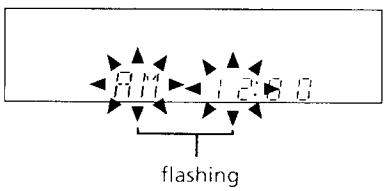
If you are not going to use the remote for a long time, remove the batteries to avoid damage caused by corrosion from battery leakage.

Setting the Clock

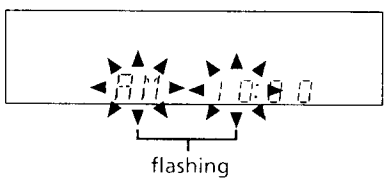
The built-in clock shows the time in the display.



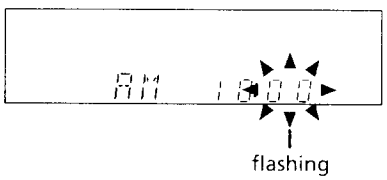
1 Press CLOCK SET.
The "AM" and hour indication begin flashing.



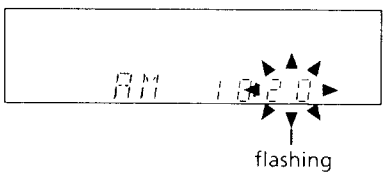
2 Set the current hour by pressing ◄ or ► (CURSOR CONTROL) until the correct hour appears.



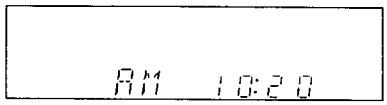
3 Press ENTER/NEXT.
The minutes indication begins flashing.



4 Set the current minute by pressing ◄ or ► until the correct minute appears.



5 Press ENTER/NEXT.
The clock starts running and the upper dot flashes. Use the time signal to set the clock accurately. The upper dot flashes for the first half of a minute (0 to 29 seconds), and the lower dot flashes for the last half of a minute (30 to 59 seconds).



To check the time

Press DISPLAY/DEMO a few times.
The current time appears for a few seconds.

To correct the clock setting

Repeat steps 1 to 5.

Chapter 2: the CD Player

Playing CDs (normal play)

Playing Tracks in Random Order (shuffle play)

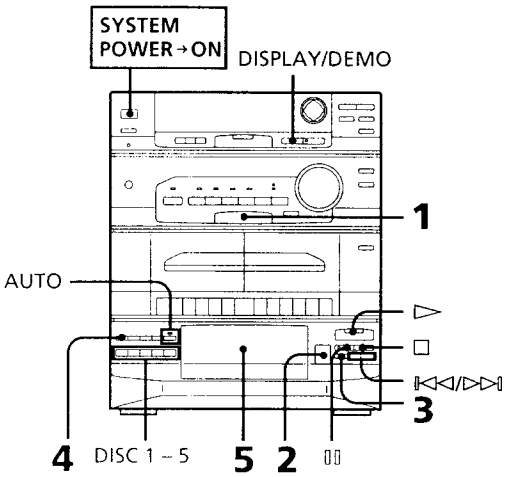
Playing Tracks in the Desired Order (program play)

Playing Tracks Repeatedly (repeat play)

Playing Tracks with Repeating a Specified Portion (loop play)

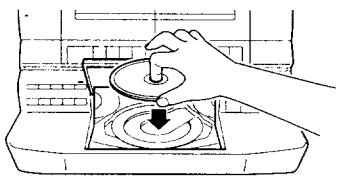
Playing CDs (normal play)

After you insert up to five CDs, you can play all tracks or discs in the original order consecutively (normal play). Besides, you can play them in four modes: normal, shuffle, program or repeat.
Before you play a CD, decrease the volume level by turning the VOLUME control counterclockwise, to prevent damage to the speakers.



1 Press FUNCTION repeatedly until "CD" appears in the display.
CD is selected.

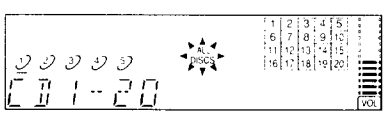
2 Press ⏏ OPEN and place a CD (label side facing up) on the disc tray in the loading position.



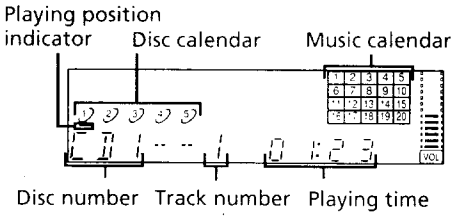
3 Press DISC SKIP to place up to four more CDs on the disc tray.
The disc tray rotates so you can insert other CDs.

4 Press CONTINUE on the unit to choose whether to play "1 DISC" or "ALL DISCS".

Choose	To play
1 DISC	Only the CD you have selected.
ALL DISCS	All CDs consecutively in order. Empty disc trays are skipped.



5 Close the front cover.
Play starts automatically from the CD in the loading position.
The playing position indicator lights under the disc number which is in the playing position.



When AUTO indicator is not lit
Press CD ▷ (or CD ▷ on the remote) to play a CD.

To	Press
Stop play	□ (□ *1)
Pause	II (II *1)
Resume play	▷ or II (▷ *1 or II *1)
Go forward to another track	During play or pause, press AMS*2 ⏭ (⏭ *1). Release when you reach the track you desire.
Go back to a previous track	During play or pause, press AMS*2 ⏮ (⏮ *1). Release when you reach the track you desire.
Select a particular CD	The corresponding DISC 1 – 5 button*3 or press DISC SKIP repeatedly
Remove or exchange a CD	⏏ OPEN*4

*1 Remote
*2 Auto Music Sensor
*3 If there is no disc at that number, the disc tray rotates and plays the next CD. If there is no disc at that number with the front cover opened, the disc tray rotates to the loading position.
*4 The disc tray rotates and brings the CD in the playing position to the loading position when AUTO is selected (the AUTO indicator is lit).

To remove or exchange the CD in the loading position while playing
Press ⏏ OPEN and remove or exchange the CD in the loading position.

Note
After exchange the CD in the loading position while playing, the CD in the loading position you exchanged is the next CD to be played when AUTO is selected.

You can play a CD with little blank between tracks (non-stop play)
Press and hold down CD ▷ on the CD player.

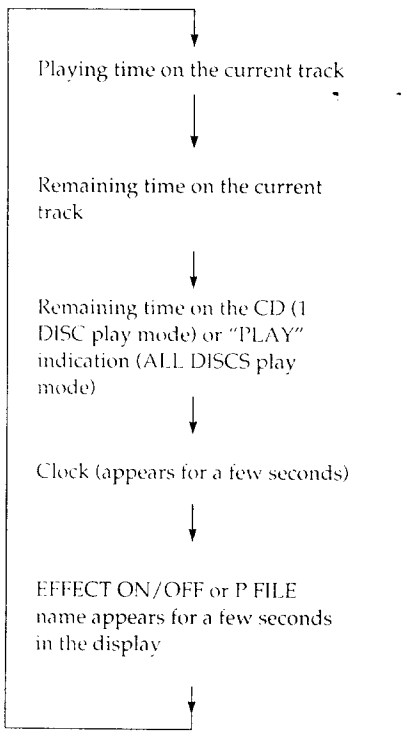
To cancel non-stop play
Press □ on the CD player.

Note
You cannot use this feature when the CD play mode is SHUFFLE or PROGRAM. Press CONTINUE so that "SHUFFLE" or "PROGRAM" disappears from the display.

To locate a particular point in a track
You can locate a particular point in a track while playing or pausing a CD. Use the buttons on the unit to operate this feature.

To locate a point	Press
While monitoring the sound	▷▷I (forward) or I◁◁ (backward) and hold down until you find the point.
Quickly by observing the display during pause	▷▷I (forward) or I◁◁ (backward) and hold down until you find the point. You will not hear the sound during this operation.

To check the remaining or total playing time
Press DISPLAY/DEMO repeatedly. Each time you press DISPLAY/DEMO while playing a CD, the display changes as follows:


Playing time on the current track
Remaining time on the current track
Remaining time on the CD (1 DISC play mode) or "PLAY" indication (ALL DISCS play mode)
Clock (appears for a few seconds)
EFFECT ON/OFF or P FILE name appears for a few seconds in the display

Note
- "- - . - -" appears in the display when the total playing time is 100 minutes or more.

When AUTO indicator is lit
- The CD in the loading position starts playing automatically when you close the front cover.
- The playing CD comes back to the loading position when you stop playing and open the front cover.
- When you exchange the CD while playing, the exchanged CD is the next CD to be played.

If you don't want a CD functioned described above, press AUTO so that the AUTO indicator is not lit.

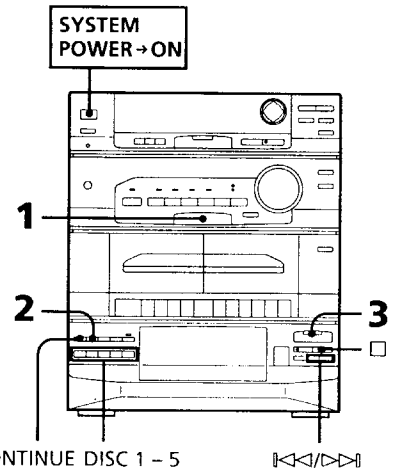
One Touch Play feature
Press CD ▷ (or CD ▷ on the remote) when the power is off. You can listen to the last selected CD without pressing any other buttons when a CD is in the player.
If you press CD ▷ or DISC 1 - 5 while another source is selected, the CD player is selected and play starts automatically.

The Music Calendar Display
This display lights according to the number of tracks on the CD. As each track is played, the corresponding number disappears. Tracks numbered in excess of 20 are not displayed.

What the "◡" and "_" indicators of the disc calendar indicate
- "◡" light up with the disc numbers of CDs you inserted. In ALL DISCS play mode, "◡" of the disc number disappears when that CD finished playing, and the CD tray rotates to play the next CD. You can see which CDs are not played yet with these indicators.
- "_" (the playing position indicator) indicates that the CD whose disc number with "_" is in the playing position. When MANUAL is selected (the AUTO indicator is not lit), the CD whose disc number with "_" is played first if you press CD ▷.

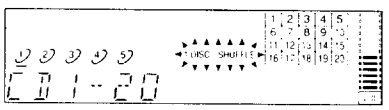
Playing Tracks in Random Order (shuffle play)

You can play all the tracks on a CD or all CDs in random order.



1 Press FUNCTION repeatedly until "CD" appears in the display.

2 Press SHUFFLE to choose whether to play "1 DISC" or "ALL DISCS". "ALL DISCS SHUFFLE" or "1 DISC SHUFFLE" appears in the display.



3 Press CD ▷ (or CD ▷ on the remote). "♫" appears and then all the tracks play in random order.
To skip to the next track, press ▷▷I.
To replay the current track, press I◁◁.
You cannot replay the previous track.

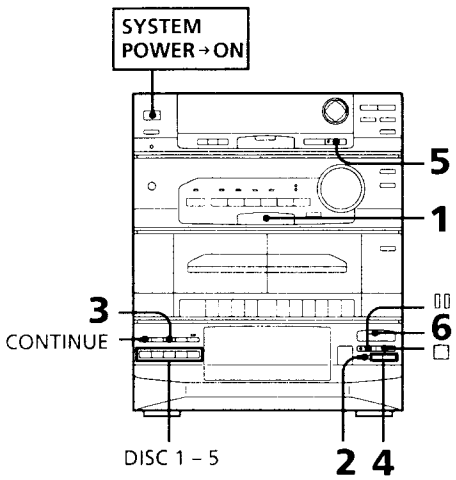
To stop playing
Press □ (or □ on the remote).

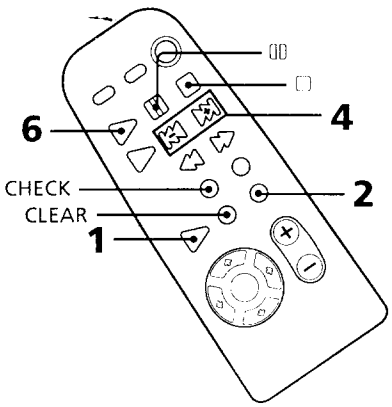
To cancel shuffle play
Press CONTINUE on the unit.

To select the desired CD
Press DISC 1 - 5 on the unit during "1 DISC SHUFFLE" play.

Playing Tracks in the Desired Order (program play)

You can program up to 32 tracks from all the CDs in the order you want them to be played.

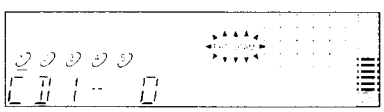




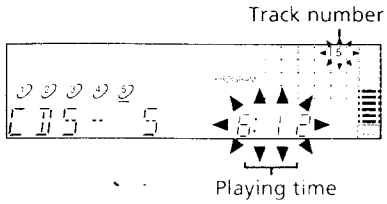
1 Press FUNCTION repeatedly until "CD" appears in the display.

2 Press DISC SKIP repeatedly (or DISC 1 – 5) to choose a CD.

3 Press PROGRAM.
"PROGRAM" appears in the display.



4 Press ⏮ or ⏭ (or ⏮ / ⏭ on the remote) to choose a track.
The chosen track number and the playing time flash for about 15 seconds in the display.



5 Press ENTER/NEXT.
The chosen track is programmed and its number lights up in the music calendar. If the track number disappears before you press ENTER/NEXT, go back to step 3.

To program additional tracks from the same CD, repeat steps 4 and 5.

To program additional tracks from another CD, repeat steps 2 to 5.

Note

- If "- - . - -" appears instead of the total playing time, this means
  - you have programmed a track number which exceeds 20.
  - the total time has exceeded 100 minutes.

6 Press CD ▷ (or CD ▷ on the remote). All the tracks play in the order you chose.

To	Press
Check the program	CHECK on the remote repeatedly*1
Program a pause	⏸*2 (⏸ on the remote)
Stop play	☐ (☐ on the remote)
Cancel the program play	CONTINUE*3
Erase a track from the end	CLEAR on the remote in stop mode
Erase a specific track	CHECK on the remote repeatedly so the number of the track lights up, and press CLEAR on the remote
Erase the entire program	☐ (☐ on the remote) once in stop mode or twice while playing

*1 After the last track appears, "CHECK End" appears in the display.
*2 "P" appears in the display and the total playing time is reset to 0.00.
*3 The program is erased.

To change the order of programmed tracks

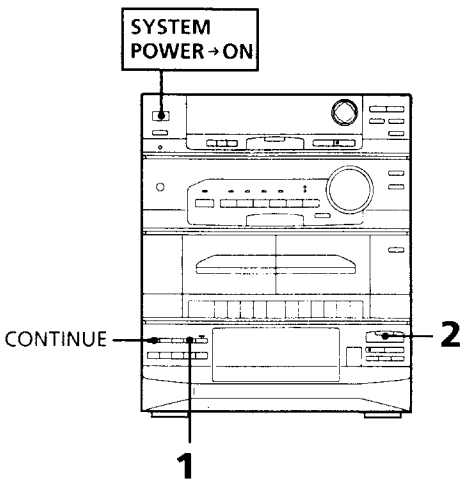
Erase the entire program and create a new one.

The whole program is erased also when:

- you select another play mode.
- you exchange or remove the CDs.

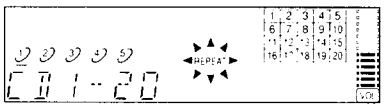
Playing Tracks Repeatedly (repeat play)

The repeat play function repeats a single CD or all CDs in normal, program, and shuffle play.
In normal play mode only, the player can also repeat a single track.



Repeating all the tracks

1 Press REPEAT once so that "REPEAT" lights up in the display.



2 Press CD ▷ (or CD ▷ on the remote).

To	Press
Repeat all the tracks on the current CD	CONTINUE repeatedly until "1 DISC" appears in the display.
Repeat all the tracks on all CDs	CONTINUE repeatedly until "ALL DISCS" appears in the display.
Repeat only one track (in normal play only)	REPEAT repeatedly until "REPEAT 1" appears in the display while playing the track you want to repeat.

To cancel repeat play

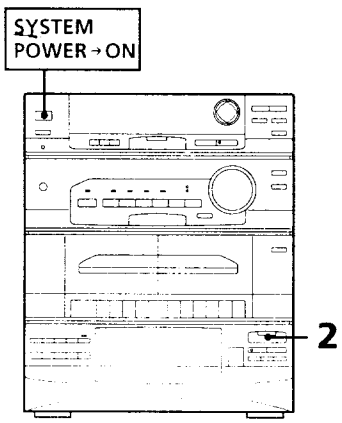
Press REPEAT so that "REPEAT" or "REPEAT 1" disappears from the display.

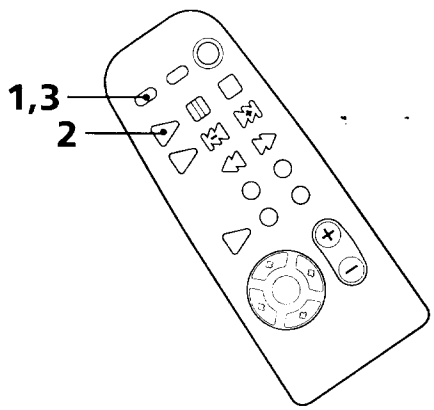
Playing Tracks with Repeating a Specified Portion (loop play)

You can play a short portion of the track repeatedly like a sampler (loop play). It is useful for making original dance music style tapes.

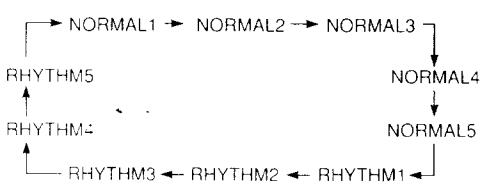
Original song:
Hey, Come on everybody!

When you make the effect:
Hey, Co Co Co Co Come on every body!





1 Press the LOOP button on the remote. You can choose the repeating time from about 0.25 sec. to about 1 sec. for NORMAL 1–5 and RHYTHM 1–5. For more information on NORMAL and RHYTHM, see "What is the difference between NORMAL and RHYTHM ?" for details.



You can get the longest repeating time by selecting NORMAL (RHYTHM) 5, and the shortest with NORMAL (RHYTHM) 1.

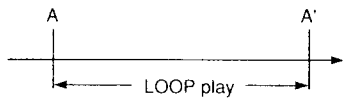
2 Press CD ▻ (or CD ▷ on the remote). The CD player starts playing.

3 Press and hold down the LOOP button when the portion you want to repeat is heard.

What is the difference between NORMAL and RHYTHM?
NORMAL differs from RHYTHM in respect to the restarting point of the music when the loop effect ends in steps 3.

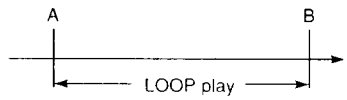
When you play the loop for five seconds

NORMAL



In this case, the song restarts at the point that you started the loop (A).

RHYTHM



In this case, the song restarts at the point 5 sec. after you started the loop (B).

Chapter 3: the Radio

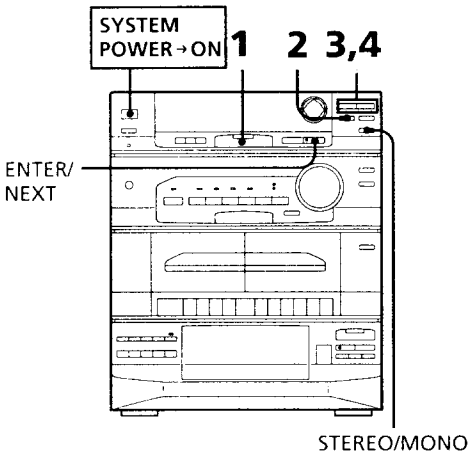
Listening to the Radio

Presetting Radio Stations

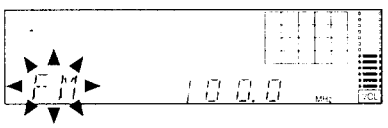
Playing Preset Radio Stations

Listening to the Radio

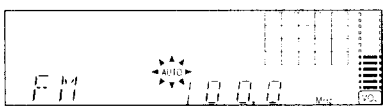
When you want to play a radio program, you can have the tuner automatically scan the radio frequencies and tuned in the stations with clear signals. This feature saves you time in searching for stations with clear signals.
However, stations with weak signals may be skipped by automatic tuning. Manually tune in the ones skipped by automatic tuning.



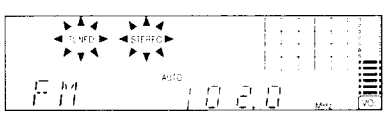
1 Press TUNER/BAND repeatedly until the band you want appears and in the display.
As you press this button, the band changes as follows:
FM ◀—▶ AM



2 Press TUNING MODE repeatedly until "AUTO" appears in the display.



3 Press TUNING +/– buttons.
The tuner starts scanning radio frequencies, and stops when it finds a clear station. "TUNED" appears in the display. "STEREO" also appears if the FM station tuned in is broadcasting in stereo.



4 If you don't want to listen to the selected station, press TUNING +/– buttons to restart the scan.

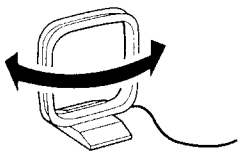
When the desired station is not tuned in

Automatic tuning may skip the stations with weak signals and continue scanning without a stop. In this case, tune in the station manually.

1. Press TUNING MODE repeatedly until "MANUAL" appears in the display.
2. Press TUNING +/– buttons repeatedly until the desired station is tuned in.

To improve AM broadcast reception

Reorient the supplied AM loop antenna for AM.



To change the AM tuning interval

The AM tuning interval is preset to 10 kHz at the factory. If you need to change the interval, do as follows:

1. Turn on the power.
2. Change the band to AM.
3. Turn off the power.
4. Turn the power back on while pressing ENTER/NEXT.

After changing the AM tuning interval, reset the preset AM radio stations. To reset the interval to the factory setting, follow the same procedure.

When an FM program is not clearly to received

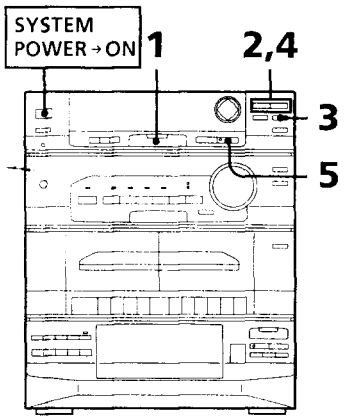
Press STEREO/MONO on the unit so that "MONO" appears in the display. There will be no stereo effect, but the reception will improve. Press STEREO/MONO again to restore the stereo effect.

One Touch Play feature

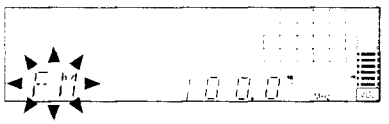
Press TUNER/BAND (or TUNER/BAND ▷ on the remote) when the power is off or when you are listening to another sound source.
You can listen to the last received station without pressing any other buttons.

Presetting Radio Stations

You can store radio frequencies in the tuner's memory to tune in your favorite stations quickly. You can preset up to 20 FM stations and 10 AM stations in any order.
Use the buttons on the unit for presetting stations.

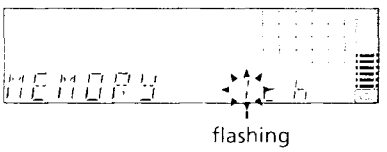


1 Press TUNER/BAND repeatedly until the band you want appears in the display.
FM ⟷ AM



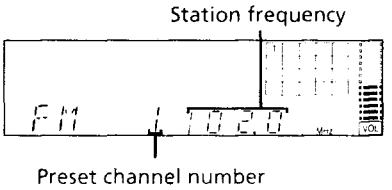
2 Press TUNING +/– buttons to tune in the station you would like to store.

3 Press TUNER MEMORY.
"MEMORY" appears and the preset channel number flashes in the display.



4 Press TUNING +/– buttons to display the preset channel number you want (1 to 20 for FM, 1 to 10 for AM).

5 Press ENTER/NEXT.
"MEMORY" disappears, and the station is stored at the preset channel number you decided on.



6 Repeat steps 1 to 5 for each station you would like to store.

To erase a stored station

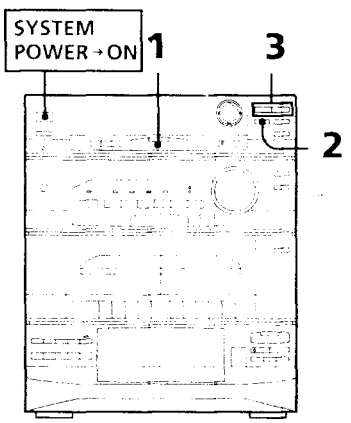
Store a new station at a previously used preset station number. It will erase the old station and replace it with the new station.

If you have trouble storing a station

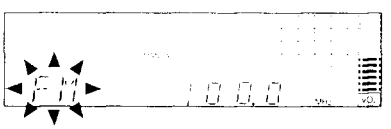
Make sure "MEMORY" is lit in the display. If not, press TUNER MEMORY again so that "MEMORY" appears (for about eight seconds) in the display, and then proceed with steps 4 and 5.

Playing Preset Radio Stations

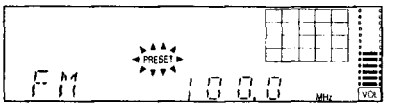
Once you have preset the stations, use the TUNING +/– buttons (or ⏮/⏭ on the remote) to quickly tune in your favorite stations.



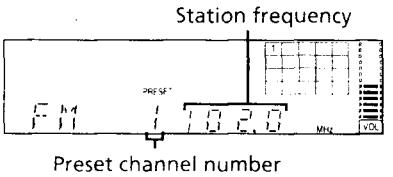
1 Press TUNER/BAND (or TUNER/BAND ▷ on the remote) repeatedly until the band you want appears in the display.
FM ⟷ AM



2 Press TUNING MODE repeatedly so that "PRESET" appears in the display.



3 Press TUNING +/– buttons (or ⏮/⏭ on the remote) to tune in a preset station.
The station frequency appears and the system begins receiving the stations.



Chapter 4: the Tape Player

Playing a Tape

Recording a CD

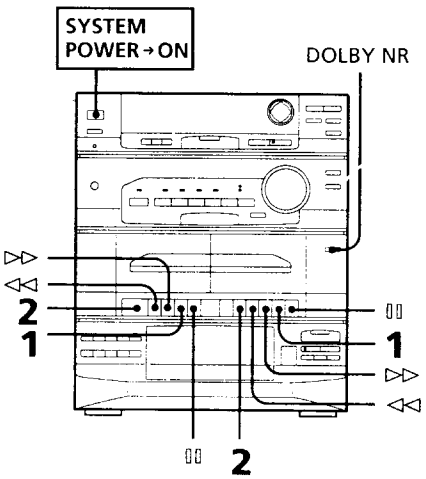
Recording a CD: Selecting tape Length (tape select edit)

Recording a CD: Specifying Tape Length (time edit)

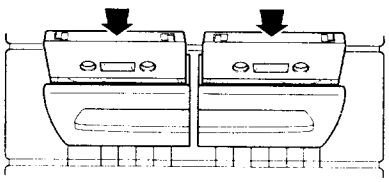
Recording From the Radio

Recording From Another Tape (dubbing)

Playing a Tape



1 Press □/⏏ to open the tape compartment.
Insert a recorded tape in deck A or B with the tape side facing down and the side you want to play facing forward.
Push to close the compartment.



2 Press ▷.
The tape starts playing.

To	Press
Stop play	□/⏏
Pause	⏸
Resume play after pause	⏸
Fast forward	▷▷
Rewind	◁◁
Remove the cassette	□/⏏

To play both decks in succession (relay play)
The relay play sequence is B → A.

1 Press □/⏏ and insert recorded tapes in both decks.
2 Press ▷ on deck B.
3 Press ⏸ and ▷ on deck A.
To stop relay play, press □/⏏ on the playing deck.

If you play both decks at the same time
You will hear the sound from deck B.

When listening to a tape recorded with the Dolby* B-type noise reduction system
Press DOLBY NR button so that "DOLBY NR B" appears in the display.
The setting affects both decks. Dolby noise reduction system reduces tape hiss noise in low-level high-frequency signals.

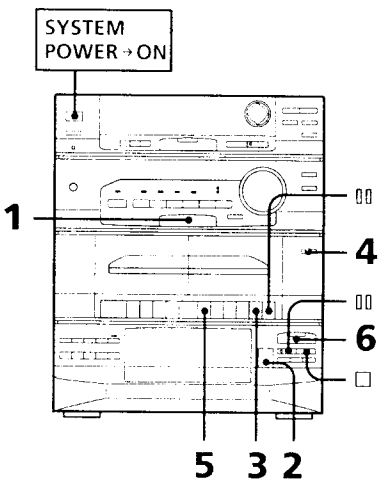
* Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. "DOLBY" and the double-D symbol ⧈ are trademarks of Dolby Laboratories Licensing Corporation.

One Touch Play feature
Press ▷ on deck A or B when the power is off or when you are listening to another sound source. You can listen to the tape without pressing any other buttons when a tape is in the player. If no tape is inserted, the system will just turn on.

Notes
- When playing a tape on one deck, if you rewind or fast-forward the tape in the other deck, the playback sound is temporarily uneven.
- Make sure the tape player stops when you turn off the unit.

Recording a CD

You can record from a CD to a tape. Use TYPE I (normal) or TYPE II (CrO_2) tapes. You cannot listen to other sources while recording.



1 Press FUNCTION repeatedly until "CD" appears in the display.

2 Press ⏏ OPEN and place a CD on the tray.
Make sure the playing position indicator in the display is lit under the disc number of the CD you want to record.
The total number of tracks and the total playing time appear in the display.

3 Press □/⏏ and insert a blank tape into deck B with the side you want to record on facing forward.
Make sure the tabs on the cassette have not been removed.

continue to next page →

→ continued

4 When you want to reduce the hiss noise in low-level high-frequency signals, press DOLBY NR button so that "DOLBY NR B"appears in the display.

5 Press ○ REC.
Be sure to press the button firmly and swiftly.
Recording starts.

6 Press CD ▷.
The CD player starts playing.
You can program the CD before playing (See "Playing Tracks in the Desired Order (program play)").

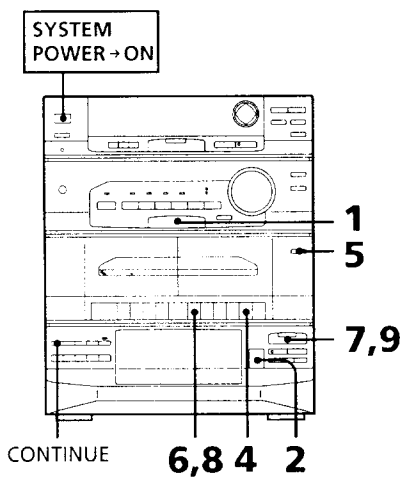
To	Press
Stop recording	□/⏏
Pause recording	▯▯ on the tape player
Stop CD play	□ on the CD player
Pause CD play	▯▯ on the CD player

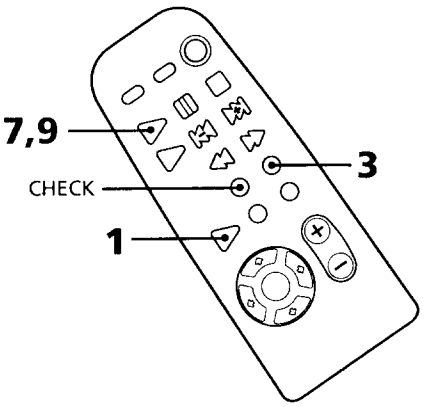
To record with the surround effect
Press S-SURROUND so that "SUR ((( ))) " appears in the display.

Notes
- While recording, do not rewind or fast-forward on the deck A. This causes an uneven sound to be recorded.
- Make sure the tape player stops when you turn off the unit.

Recording a CD: Selecting tape Length (tape select edit)

You can have the stereo system select and indicate the most suitable tape length for the recording each disc automatically.
You cannot use "tape select edit" for discs which contain 21 tracks or more.

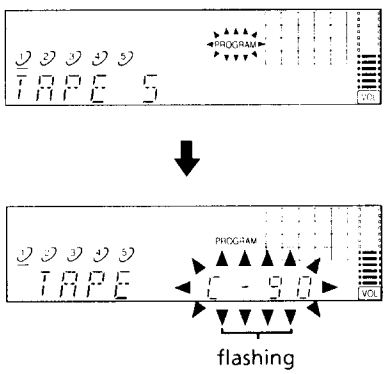




1 Press FUNCTION repeatedly until "CD" appears in the display.

2 Press ⏏ OPEN and place a CD on the tray.
Make sure the playing position indicator in the display is lit under the disc number of the CD you want to record.

3 Press EDIT on the remote.
"TAPE SELECT" appears in the display and the player divides the selections automatically.
Then the display changes as follows:



4 Press □/⏏ and insert a blank tape of the indicated length (or longer) into deck B with the side you want to record on facing forward.
Make sure the tabs on the cassette have not been removed.

5 When you want to reduce the hiss noise in low-level high-frequency signals, press DOLBY NR button so that "DOLBY NR B" appears in the display.

6 Press ○ REC.
Be sure to press the button firmly and swiftly.
"REC" appears in the display.
Recording starts.

7 Press CD ▷ (or CD ▷ on the remote).
The CD player starts playing the tracks to be recorded on side A.

8 Set the tape to the beginning of side B, then press ○ REC.
Be sure to press the button firmly and swiftly.

9 Press CD ▷ (or CD ▷ on the remote).
The CD player starts playing the tracks to be recorded on side B.

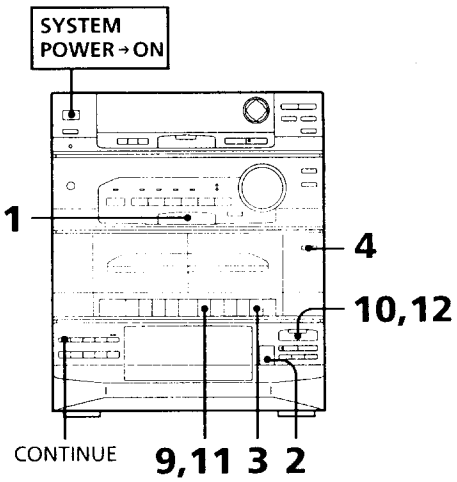
To stop recording
Press □/⏏.

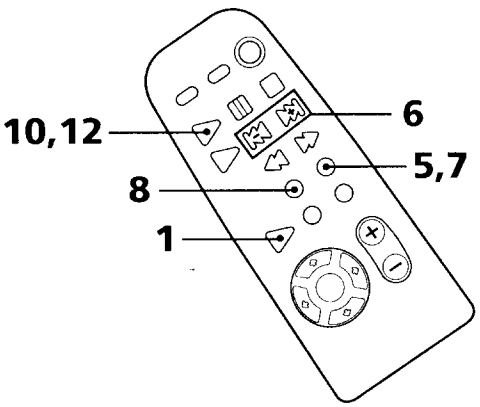
To check the order
Press CHECK on the remote.

To cancel tape select edit
Press CONTINUE on the unit.

Recording a CD: Specifying Tape Length (time edit)

You can have the stereo system create programs based on the tape length.
The CD player makes programs that will fit the tape length. For example, if you use a 46-minute tape to record a 50-minute CD, the CD player will automatically choose tracks that will fit within the 46-minutes, filling as much of the tape as possible. The player will not program those tracks beyond track number 20.





1 Press FUNCTION repeatedly until "CD" appears in the display.

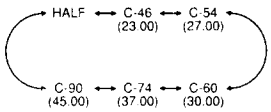
2 Press ⏏ OPEN and place a CD on the tray. Make sure the playing position indicator in the display is lit under the disc number of the CD you want to record.

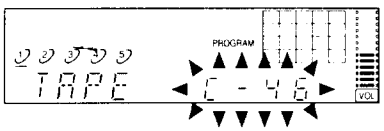
3 Press □/⏏ and insert a blank tape into deck B with the side you want to record on facing forward.
Make sure the tabs on the cassette have not been removed.

4 When you want to reduce the hiss noise in low-level high-frequency signals, press DOLBY NR button so that "DOLBY NR B" appears in the display.

5 Press EDIT on the remote twice.
"TIME EDIT" then "SELECT TIME" appear in the display.

6 Press ⏮ or ⏭ on the remote to designate the tape length.
As you press the button, the indication changes as follows:

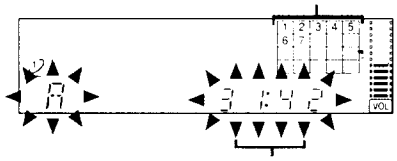




Choose "HALF" if you want the CD player to half of the total playing time of the CD. You connot select "HALF" when recording CDs with more than 20 tracks.

7 Press EDIT.
The player determines the tracks to be recorded on side A automatically. The total time to be recorded on side A appears in the display.
To record on both sides, press EDIT agiain. The CD player determines the tracks to be recorded on side B.

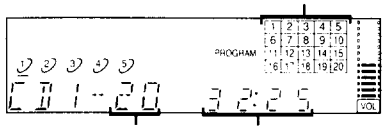
Tracks to be recorded on side A



Total time to be recorded on side A

8 Press CHECK on the remote repeatedly to check the tracks to be recorded on each side.
"STEP" appears with each track number you programmed in the display.
"P" appears with the first track to be recorded on side B, and "CHECK End" appears with the last track to be recorded on side B.

Tracks to be recorded on both sides



Last track Total playing time on side B

9 Press ○ REC.
Be sure to press the button firmly and swiftly.
"REC" appears in the display.
Recording starts.

10 Press CD ▻ (or CD ▷ on the remote).
The CD player plays the tracks to be recorded on side A and then pauses.

11 Set the tape to the begining of side B, then press ○ REC.
Be sure to press the button firmly and swiftly.

12 Press CD ▻ (or CD ▷ on the remote).
The CD player starts playing the tracks to be recorded on side B.

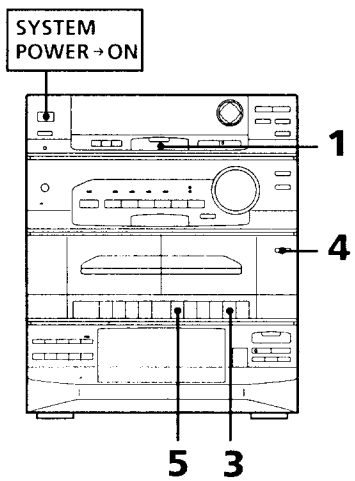
To stop recording
Press □/⏏.

To select the desired tracks beforehand
You can place priority on some tracks to be recorded by selecting them before programming them up to 20 tracks. (See "Playing Tracks in the Desired Order (program play)").
If you have programmed a track number which exceeds 20, you cannot use this feature.

To cancel time edit
Press CONTINUE on the unit.

Recording From the Radio

You can record from the tuner onto a tape.
Use TYPE I (normal) or TYPE II (CrO_2) tape.



1 Press TUNER/BAND several times until the desired radio band appears.

2 Tune in the radio station you want to record. (See "Listening to the Radio", or "Playing Preset Radio Stations" for details.)

3 Press □/⏏ and insert a blank tape into deck B with the side you want to record on facing forward.
Make sure the tabs on the cassette have not been removed.

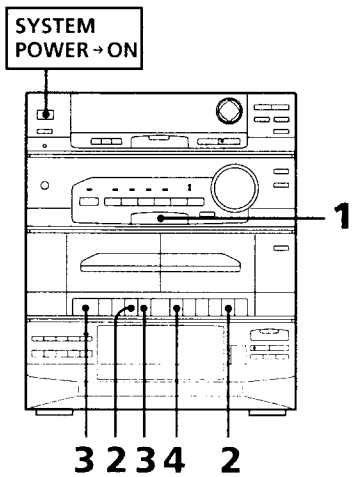
4 When you want to reduce the hiss noise in low-level high-frequency signals, press DOLBY NR button so that "DOLBY NR B" appears in the display.

5 Press ○ REC.
Be sure to press the button firmly and swiftly.
Recording starts.

To stop recording
Press □/⏏.

Recording From Another Tape (dubbing)

You can record an entire tape onto another.
Use the buttons on the unit and TYPE I (normal) or TYPE II (CrO_2) tape for dubbing.



1 Press FUNCTION repeatedly until "TAPE" appears in the display.
TAPE is selected.

2 Press □/⏏, and insert a recorded tape in deck A with the side you want to play facing forward.
Also, insert a blank tape in deck B with the side you want to record on facing forward.
Make sure the tabs on the cassette in deck B have not been removed.

3 Press ⏸ and ▻ on deck A.
Deck A pauses for playing.

4 Press ○ REC on deck B.
Be sure to press the button firmly and swiftly.
"DUB" and "REC" appear in the display.
Deck A releases playing pause and deck B starts recording simultaneously.

To stop dubbing
Press □/⏏ on deck A, then press □/⏏ on deck B.

Note
Do not change the sound source while dubbing

You do not have to activate DOLBY NR
The tape in deck B is automatically recorded in the same state as the tape in deck A.

Chapter 5: Sound Adjustment

Adjusting the Sound

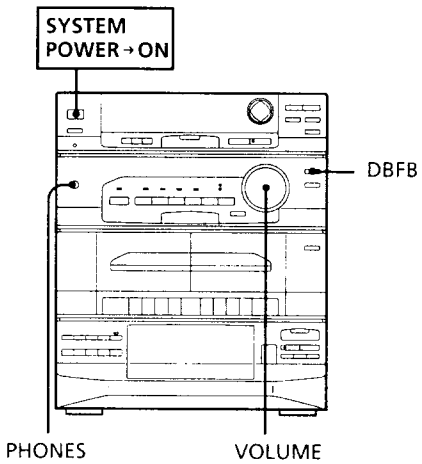
Selecting the Audio Emphasis

Adjusting the Audio Emphasis

Making Your Personal Audio Emphasis File (personal file)

Adjusting the Sound

To fully enjoy the sound coming from your stereo system, make the following audio adjustments. See sections following this one for additional sound adjustments.



To adjust the volume
Rotate VOLUME on the unit or press VOL (+/–) on the remote.

To reinforce bass
Press DBFB* repeatedly and choose DBFB ▙\\\ or DBFB ▙\\\\\\.

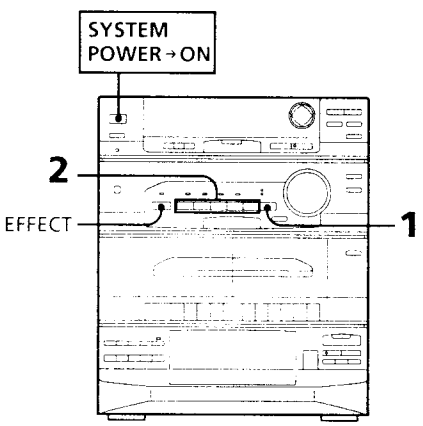
"DBFB ▙\\\\\\" is more effective than "DBFB ▙\\\".

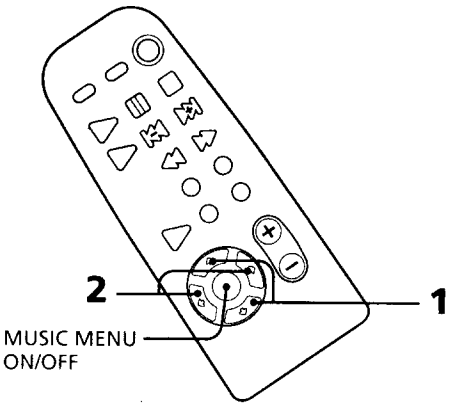
* DBFB = Dynamic Bass Feedback

To listen through the headphones
Connect the headphones to the PHONES jack. No sound will come from the speakers.

Selecting the Audio Emphasis

Your stereo system has been factory set to five specially recommended audio emphasis settings. Choose from among these five preset settings according to the type of music you are listening to.





1 Press FILE SELECT (or MUSIC MENU ⇧/⇩ on the remote) to select SELECT 5. The SELECT 5 indicator lights up.

2 Press one of the FILE 1 – 5 buttons on the unit (or MUSIC MENU ⇦/⇨ on the remote).
The indicator of the selected preset setting button lights up.
The effects of preset settings are as follows:

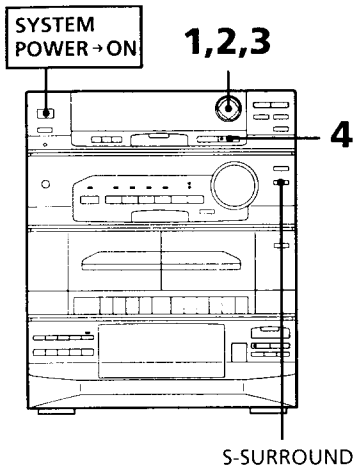
Press	To get
FILE 1 (ROCK)	Powerful, clear sounds, emphasizing low and high range audio
FILE 2 (POPS)	Light, bright sounds, emphasizing high and middle range audio
FILE 3 (JAZZ)	Percussive sounds, emphasizing bass range audio
FILE 4 (CLASSIC)	Broad, open sounds with plenty of reverberations
FILE 5 (SALSA)	Passionate vocal sounds with strong rhythm emphasizing middle and low audio

"SUR (((■)))" appears in the display if you select an effect with surround effects.

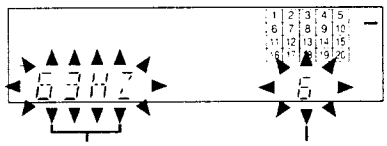
To cancel the audio emphasis
Press EFFECT (or MUSIC MENU ON/OFF on the remote) once so that the EFFECT indicator and the selected preset setting indicator light off.
"EFFECT OFF" appears in the display.

Adjusting the Audio Emphasis

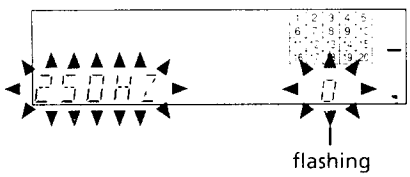
This feature lets you arrange the audio emphasis by raising and lowering the level of frequency ranges. Use the buttons on the unit to do this operation.



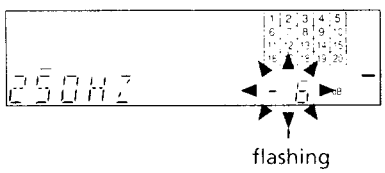
1 Press one of ◄, ►, ▲ or ▼ (CURSOR CONTROL).
The frequency range appears and the level value flashes in the display.



2 Press ◄ or ► to select the frequency range you want to change.



3 Press ▲ or ▼ to raise or lower the level of the frequency range.

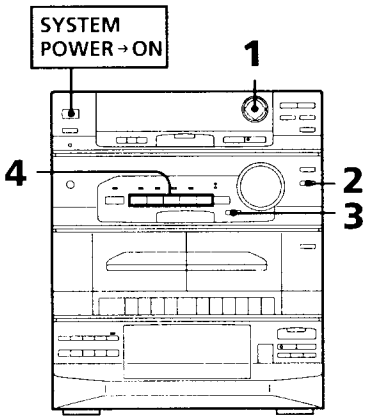


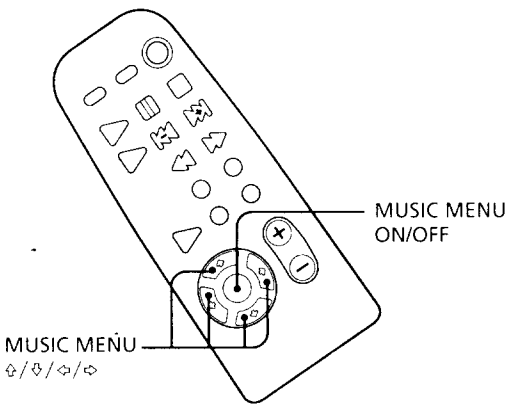
4 Press ENTER/NEXT.

To create the atmosphere of a movie theater or concert hall
Press S-SURROUND so that the "SUR ((((■)))) " appears in the display.

Making Your Personal Audio Emphasis File (personal file)

You can create a personal file of audio patterns and store them in the memory of the player. Later, call up an audio pattern to play a favorite tape, CD, or radio program. You can create up to five audio files.

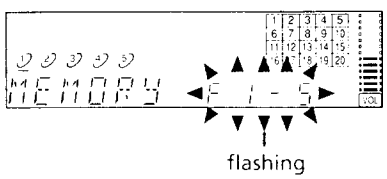




1 Obtain the sound effect you want (See "Selecting the Audio Emphasis" and "Adjusting the Audio Emphasis" for details).

2 Press S-SURROUND to activate or deactivate the surround effect to suit your taste.

3 Press MEMORY.
"MEMORY" appears and "F 1 – 5" flashes in the display.



4 Press one of the FILE 1 – 5 buttons where you want to store the sound effect.
"MEMORY" disappears.

To call up the personal file
Press FILE SELECT (or MUSIC MENU ⇳/⇕ on the remote) to select P FILE. The indicator of P FILE lights up. Then press one of the FILE 1 – 5 buttons (or MUSIC MENU ⇦/⇨ on the remote).

To erase the personal file
Store a new personal file at a previously used personal file number (FILE 1 – 5). It will erase the old personal file.

Chapter 6: Additional Features

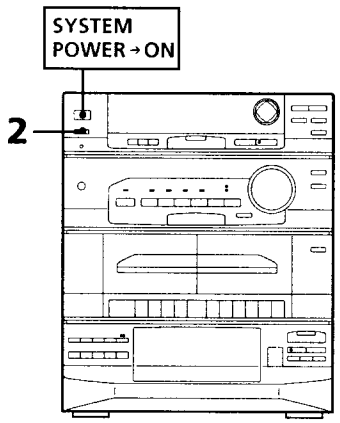
Falling Asleep to Music

Waking Up to Music

Connecting Optional Equipment

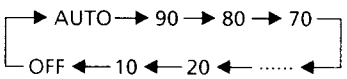
Falling Asleep to Music

You can set the stereo system to turn off automatically so you can go to sleep to music (Sleep timer).
Before setting the sleep timer, make sure the clock has been set correctly.
You can set the sleep timer even if you have set the DAILY timer.



1 Play your favorite sound source (a tape, the tuner or a CD).

2 Press SLEEP repeatedly to choose how long you want the music to play.
"SLEEP" and minutes indication appear in the display. The power will turn off after 10 to 90 minutes depending on the length of time you choose.



When you choose AUTO
The power turns off when the current CD or tape (1 side) finishes playback (for up to 100 minutes).

To cancel the sleep timer
Press SLEEP repeatedly until "OFF" appears in the display.

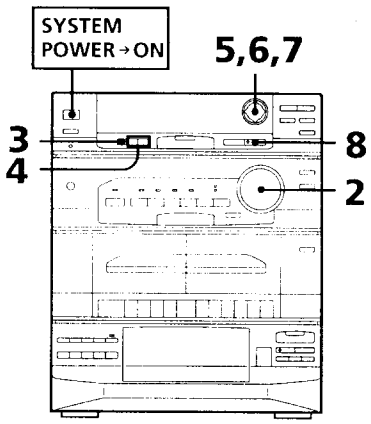
To check the remaining time before the sleep timer turns off the system
Press SLEEP once.
The remaining time (in minutes) is displayed for several seconds.

To change the remaining time while the sleep timer is on
Press SLEEP repeatedly to select the remaining time you desire.

When you use the sleep timer function while listening to a tape
Choose the minutes longer than half of the tape length, because the play button of the tape player does not spring back automatically.
e.g. Choose 50 minutes when you listen to a 90 minute tape.

Waking Up to Music

You can wake up to music at a preset time. You only need to set the timer once. When you select the CD player as the sound sourse, you can play a CD in any mode (normal, shuffle, or progam). Before setting the timer, make sure the clock has been set correctly.
You can set the DAILY timer even if you have set the sleep timer.



1 Prepare the sound source.

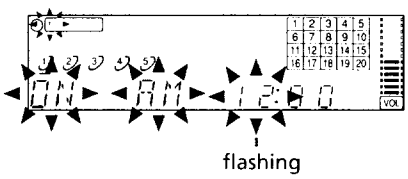
To wake up to the radio
Tune in the preset station you want.

To wake up to a CD
Insert a CD and close the front cover. If the playing position indicator is not under the disc number you want to play, press DISC SKIP repeatedly until the red indication lights up under your desired CD. If you want to play from a specific track follow the procedures for programmed CD play (See "Playing Tracks in Desired Order (program play)").

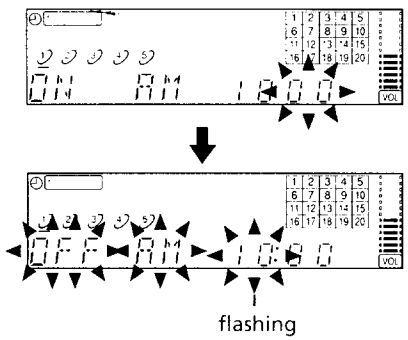
2 Turn the VOLUME dial to adjust the volume.

3 Press TIMER SET.
"SELECT TIMER" appears in the display.

4 Press DAILY 1 or DAILY 2.
"ON" and the timer indication appear and the hour digits flash in the display.



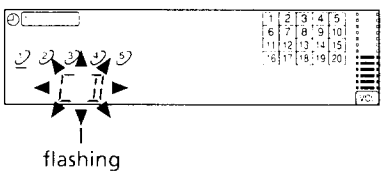
5 Press ◄ or ► (CURSOR CONTROL) to set the hour you want the system to turn on then press ENTER/NEXT.
Set the minutes in the same way. "OFF" appears and the hour digits flash in the display.



6 Press ◄ or ► to set the hour you want the system to turn off then press ENTER/NEXT.
Set the minutes in the same way.

7 Press ◄ or ► to select a sound source.
The display changes as follows:

CD ⟷ TUNER



8 Press ENTER/NEXT.
The preset items appear in the display sequentially.

9 Press SYSTEM POWER to turn off the system.

To change the preset timer settings
Start over from step 1.

To check the preset timer settings
1 Press DAILY 1 or DAILY 2 which ever you have set once.
2 "TIMER OFF" appears in the display.
3 Press DAILY 1 or DAILY 2 again.
The preset items appear in the display sequentially, then "DAILY 1 ON" or "DAILY 2 ON" appears in display .

To change the timer
Press DAILY 1 or DAILY 2.

To cancel the timer
1 Press DAILY 1 or DAILY 2 which ever you have set.
2 "TIMER OFF" appears in the display.

Note
When you set the sleep timer, the DAILY timer does not activate until the system turns off by the sleep timer.

Connecting Optional Equipment

For greater enjoyment of your stereo system, you can connect other components to the stereo. You can connect :

- a VCR to the VIDEO (AUDIO) IN jacks
- a turntable to the PHONO IN jacks (LBT-D270/LBT-G3100 only)
- headphones to the PHONES jack on the front panel

To connect a VCR
1 Connect the VCR or other video equipment to the VIDEO (AUDIO) IN jacks.
2 Press FUNCTION repeatedly until "VIDEO" appears in the display.
The connected sound source comes through the speakers.
You can also record the VCR sound.

To connect a turntable (LBT-D270/ LBT-G3100 only)
1 Connect the turntable to the PHONO IN jacks on the rear panel of the stereo.
2 Press FUNCTION until "PHONO" appears in the display.
The turntable sound comes through the speakers.
You can also record the turntable sound.

For Your Information

Precautions

Troubleshooting Guide

Maintenance

Specifications

Index to Parts and Controls

Index

Precautions

If you have any questions or problems concerning your stereo system, please consult your nearest Sony dealer.

Caution

The use of optical instruments with this product will increase eye hazard.

On operating voltage

Before operating the stereo system, check that the operating voltage of your stereo system is identical with the voltage of your local power supply.

Operating voltage	120 V AC, 60 Hz

On safety

- The stereo system is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the system itself has been turned off.
- Unplug the system from the wall outlet (mains) if it is not to be used for an extended period of time. To disconnect the cord (mains lead), pull it out by the plug. Do not pull the cord itself.
- Should any solid object or liquid fall into the component, unplug the stereo system and have the component checked by qualified personnel before operating it any further.
- Should the AC power cord (mains lead) need to be changed, have it done at a qualified service shop only.
- As the laser beam used in this unit is harmful to the eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personal only.

On installation

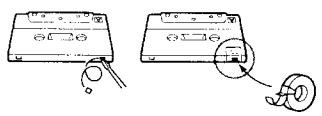
Place the stereo system in a location with adequate ventilation to prevent heat build-up in the stereo system.

On condensation in the CD player component

If the system is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens inside the CD player. Should this occur, the CD player will not operate. Remove any CDs and leave the system turned on for about an hour until the moisture evaporates.

To save a tape permanently

To prevent a tape from being accidentally recorded over, break off the cassette safety tab from side A or B as illustrated. If you later want to reuse the tape for recording, cover the broken tab with adhesive tape.



Troubleshooting Guide

If you run into any problem using this stereo system, use the following check list. And first check the following points:

- The mains lead is connected firmly.
- The speakers are connected correctly and firmly.

Should any problem persist after you have made the checks below, consult your nearest Sony dealer.

Tuner

"TUNED" flashes in the display.

→ Adjust the antenna.

"STEREO" flashes in the display.

→ Adjust the antenna.

Severe hum or noise.

→ Adjust the antenna.
→ The signal strength is too weak. Connect the external antenna.
→ Connect the ground wire.

A stereo FM program cannot be received in stereo.

→ Press STEREO/MONO so that "STEREO" appears.

Tape Player

The tape does not record.

→ No tape in the cassette holder.
→ The safety tab has been removed from the cassette.
→ The tape has reeled to the end.

The tape does not record nor play back, or there is a decrease in sound level.

→ The heads are dirty. Clean them.
→ Magnetic deposits have built-up on the record/playback heads.*

There is excessive wow or flutter, or the sound drops out.

→ The capstans or pinch rollers are contaminated.*

The tape does not erase completely.

→ Magnetic deposits have built- up on the record/playback heads.*

Noise increases, or the high frequencies are erased.

→ Magnetic deposits have built-up on the record/playback heads.*

* See "Maintenance".

CD Player

The CD will not play.

→ The CD is dirty.
→ The CD is inserted label side down.
→ Moisture condensation has built up. Leave the system turned on for about an hour until the moisture evaporates.

Play does not start from the first track.

→ The player is in program or shuffle mode. Press CONTINUE.

General

There is no sound.

→ Rotate VOLUME clockwise.
→ The headphones are connected. Disconnect them.

Sound comes from one channel, or unbalanced left and right volume.

→ Check the speaker connections of the inoperative channel.

The left and right sound is reversed.

→ Check the speaker connection and speaker placement.

Bass is lacking or the location of the musical instruments is apparently imprecise.

→ Check the speaker connections for proper phasing.

There is severe hum or noise.

→ The TV or VCR is too close to the stereo system. Move the stereo system away from the TV or VCR.

"12:00 AM" flashes in the display.

→ A power interruption occurred. Set the clock and preset radio stations again.

The remote does not function.

→ The batteries have run down. Replace both batteries.
→ There is an obstacle between the remote and the system. Remove the obstacle.

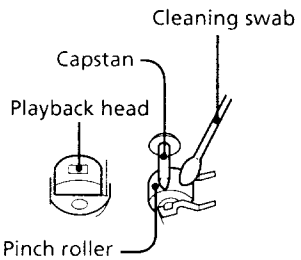
Maintenance

To clean the tape heads and tape path

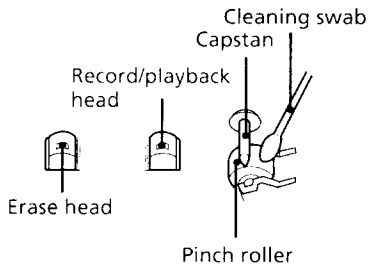
Contaminated tape heads cause poor recording or sound drop-out in playback. We recommend cleaning after every 10 hours of operation.

Open the cassette holder and wipe the heads, the pinch rollers and the capstans with a cleaning swab slightly moistened with cleaning fluid or alcohol. Wipe the parts shown below:

Deck A



Deck B



Insert a tape after the areas cleaned are completely dry.

To demagnetize the tape heads

After 20 to 30 hours of use, enough residual magnetism will have built up on the heads to begin to cause loss of high frequencies and hiss. At this time, demagnetize the heads and all metal parts in the tape path with a commercially available tape head demagnetizer. Refer to the instructions of the demagnetizer.

To clean the cabinet

Use a soft cloth slightly moistened with a mild detergent solution.

To clean the CD

When a CD is dirty, clean it with a cleaning cloth. Wipe the CD from the center out.

Notes on CDs

- Do not use solvents such as benzene, thinner, commercially available cleaners, or anti-static spray intended for vinyl LPs.
- If there is a scratch, dirt or fingerprints on the CD, it may cause a tracking error.

Specifications

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:
LBT-D170/LBT-G1100:
With 6 ohm loads, both channels driven, from 70 – 20,000 Hz; rated 20 watts per channel minimum RMS power, with no more than 10% total harmonic distortion from 250 milliwatts to rated output.
LBT-D270/LBT-G3100 for the U.S.A.:
With 8 ohm loads, both channels driven, from 70 – 20,000 Hz; rated 100 watts per channel minimum RMS power, with no more than 0,9% total harmonic distortion from 250 milliwatts to rated output.

CD player section

System	Compact disc and digital audio system
Laser	Semiconductor laser (λ = 780 nm) Emission duration: continuous
Laser output	Max 44.6 μW*

* This output is the value measured at a distance of 200 mm from the objective lens surface on the Optical Pick-up Block with 7 mm aperture.

Wavelength	780 – 790 nm

Tuner section

FM stereo, FM/AM superheterodyne tuner

FM tuner section

Tuning range	87.5 – 108.0 MHz (100 kHz step)
Antenna	FM wire antenna
Antenna terminals	75 ohm unbalanced
Intermediate frequency	10.7 MHz

AM tuner section

Tuning range	530 – 1,710 kHz (with the AM tuning interval set at 10 kHz) 531 – 1,710 kHz (with the AM tuning interval set at 9 kHz)
Antenna	AM loop antenna External antenna terminals
Intermediate frequency	450 kHz

Cassette deck section

Recording system
4-track 2-channel stereo
Frequency response
(DOLBY NR OFF)
60 – 13,000 Hz (±3 dB), using SONY TYPE I cassette
60 – 14,000 Hz (±3 dB), using SONY TYPE II cassette
Wow and flutter
±0.15% W.Peak (IEC)
0.1% W.RMS (NAB)
±0.2% W.Peak (DIN)

Amplifier section

Continuous RMS power output:
(LBT-D170/LBT-G1100)
20 W + 20 W (6 ohms at 1 kHz, 10% THD)
(LBT-D270/LBT-G3100 for canada)
100 W + 100 W (8 ohms at 1 kHz, 10% THD)
Inputs
PHONO (phono jack)
(LBT-D270/LBT-G3100 only)
Sensitivity 3 mV, impedance 47 kilohms
VIDEO (AUDIO) (phono jack):
Sensitivity 300 mV, impedance 47 kilohms
Outputs
PHONES (phone jack)
accept headphones of 8 ohms or more.
SPEAKER:
(LBT-D170/LBT-G1100)
accept impedance of 6 to 16 ohms
(LBT-D270/LBT-G3100)
accept impedance of 8 to 16 ohms

Speaker section

SS-D1700 for LBT-D170/G1100

Speaker system
2-way speaker system
Speaker units
Woofer: 17 cm dia., cone type
Tweeter: 6 cm dia., cone type
Nominal impedance
6 ohms
Dimensions
Approx. 250 × 425 × 225 mm (9 7/8 × 16 3/4 × 8 7/8 inches) (w/h/d)
Mass Approx. 4.1 kg (9 lb 1 oz)

SS-D2700 for LBT-D270

Speaker system
3-way speaker system
Speaker units
Woofer: 17 cm dia., cone type
Tweeter: 6 cm dia., cone type
Super tweeter: 2 cm dia., dome type
Nominal impedance
8 ohms
Dimensions
Approx. 260 × 480 × 270 × mm (10 1/4 × 19 × 10 3/4 inches) (w/h/d)
Mass Approx. 5.5 kg (12 lb 2 oz)

SS-D555 for LBT-G3100

Speaker system
3-way speaker system
Speaker units
Woofer: 17 cm dia., cone type
Tweeter: 6 cm dia., cone type
Super tweeter: 2cm dia., dome type
Nominal impedance
8 ohms
Dimensions
Approx. 260 × 475 × 185 mm (10 1/4 × 18 3/4 × 7 3/8 inches) (w/h/d)
Mass Approx. 4.8 kg (10 lb 9 oz)

Supplied accessories

AM loop antenna (1)
Remote RM-SD25 (1)
Sony SUM-3 (NS) batteries (2)
FM wire antenna (1)

General

Power requirements
120 V AC, 60 Hz
Power consumption
(LBT-D170/LBT-G1100)
65 W
(LBT-D270/LBT-G3100)
195 W
Dimensions
Approx. 355 × 425 × 400 mm (14 × 16 3/4 × 15 3/4 inches) (w/h/d) incl. projecting parts and controls
Mass (HCD-D170 for LBT-D170, HCD-G1100 for LBT-G1100) 8.9 kg (19 lb 10 oz)
(HCD-D270 for LBT-D270, HCD-G3100 for LBT-G3100) 10.8 kg (23 lb 13 oz)

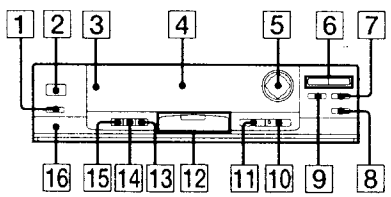
Design and specifications subject to change without notice.

Index to Parts and Controls

Refer to the pages indicated in parentheses for details on how to use the controls.Front Panel

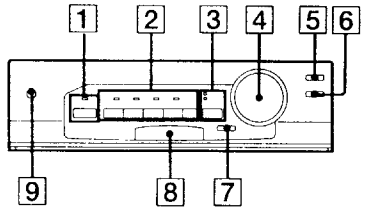
Tuner section

Refer to the pages indicated in parentheses for details on how to use the controls.



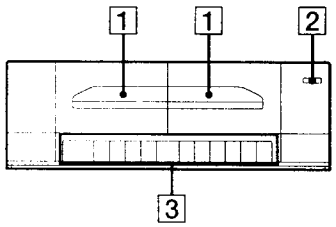
1 SLEEP button (18)
2 SYSTEM POWER switch (7)
3 Remote sensor
4 Display window (23)
5 CURSOR CONTROL buttons (6, 17, 19)
6 TUNING +/– buttons (11)
7 TUNER MEMORY button (12)
8 STEREO/MONO button (11)
9 TUNING MODE button (11)
10 ENTER/NEXT button (6, 12, 19)
11 DISPLAY/DEMO button (6, 8)
12 TUNER/BAND button (11)
13 DAILY 2 button (18)
14 DAILY 1 button (18)
15 TIMER SET button (19)
16 CLOCK SET button (6)

Amplifier section



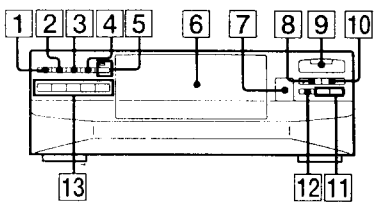
1 EFFECT button/indicator (16)
2 FILE 1 – 5 buttons/indicators (16)
3 FILE SELECT button/indicators (16, 17)
4 VOLUME control (7, 16, 19)
5 DBFB button (16)
6 S-SURROUND button (16)
7 MEMORY button (17)
8 FUNCTION button (7, 14)
9 PHONES jack (16)

Tape player section



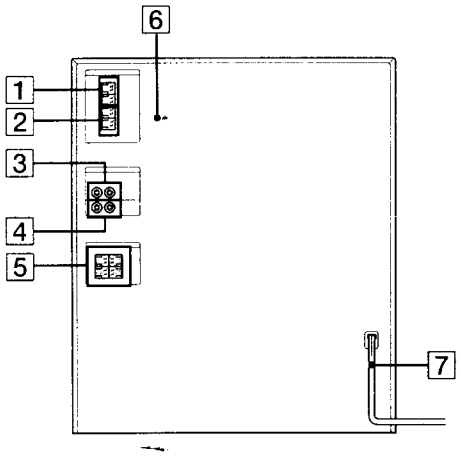
1 Cassette compartments (13)
2 DOLBY NR button (13)
3 Tape operating buttons
▷ (play) (13)
▷▷ (fast rightward) (13)
◁◁ (fast leftward) (13)
□/⏏ (stop/eject) (13)
○ (recording) (for deck B only) (13)
▯▯ (pause) (13)

CD player section



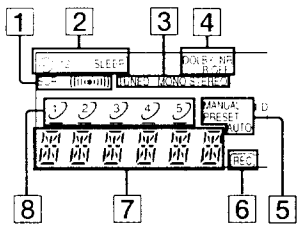
1 CONTINUE button (7)
2 SHUFFLE button (8)
3 PROGRAM button (9)
4 REPEAT button (9)
5 AUTO button/indicator (7)
6 Front cover (7)
7 ⏏ OPEN button (7)
8 ▯▯ (pause) button (7)
9 ▷ (play) button (7)
10 □ (stop) button (7)
11 AMS ⏮◁◁/▷▷⏭ buttons (7, 15)
12 DISC SKIP button (7)
13 DISC 1 – 5 buttons (7)

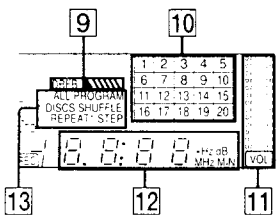
Rear Panel



1 AM terminal (4)
2 FM 75Ω terminal (4)
3 PHONO IN jacks (LBT-D270/LBT-G3100 only) (19)
4 VIDEO (AUDIO) IN jacks (19)
5 SPEAKER connectors (4)
6 ⏚ ground terminal (4)
7 AC power cord (5)

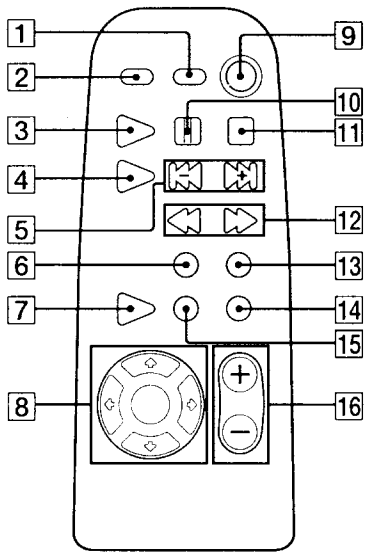
Display Window





1 SURROUND indication (16)
2 TIMER mode indications (18)
3 Tuner indication (11)
4 DOLBY NR B indication (13)
5 AUTO/MANUAL/PRESET indications (12)
6 REC indication (14)
7 Band/disc/track/sound frequency range indications (11)
8 Disc calendar/playing position indicator (7)
9 DBFB indication (16)
10 Music calendar (7)
11 VOLUME indication (16, 19)
12 Radio frequency/playing time/sound frequency level indications (7, 11, 17)
13 CD play mode indicators (7)

Remote



1 SLEEP button (18)
2 LOOP button (10)
3 CD ▷ (play) button (7)
4 TUNER/BAND ▷ button (11)
5 ⏮/⏭ buttons (7, 12, 15)
6 CHECK button (9)
7 FUNCTION button (7, 14)
8 MUSIC MENU buttons (16)
9 POWER button (7)
10 ⏸ (pause) button (7)
11 ⏹ (stop) button (7)
12 ◁ / ▷ buttons
13 EDIT button (14)
14 DISC SKIP button (7)
15 CLEAR button (9)
16 VOL (volume) +/– buttons (7, 16, 19)

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